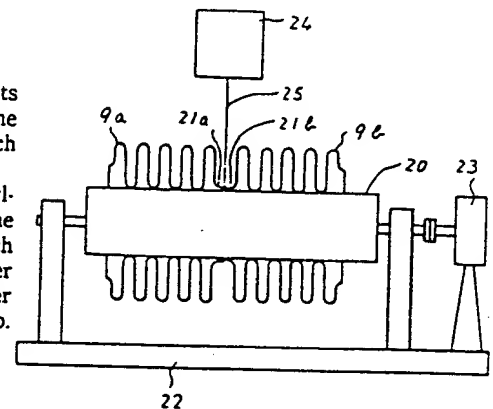


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(71) TOKYO SHIBAURA DENKI K.K. (72) ATSUROU ITAGAKI(2)
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PURPOSE: To obtain a multiply-connected bellows which is excellent in its strength and airtightness and free from abnormal vibration or stress at the time of high-speed operation, by superposing end portions of unit bellows on each other, and coupling them together by radiating a laser beam onto the same.

CONSTITUTION: Unit bellows 9a, 9b to be connected are fitted on a copper cylinder 20 manufactured to have a diameter suited for the inner diameter of the bellows, and end portions 21a, 21b of the bellows 9a, 9b are superposed on each other. The cylinder 20 is supported on a base 22 in a freely rotatable manner and it is turned by a driving unit 23. A laser beam 25 is emitted from a laser beam source 24 and focused onto the end portions 21a, 21b of the bellows 9a, 9b.



- L29C 597:18